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सं. ५]

नई विल्सनी, शनिवार, फरवरी ३, १९७३ (माघ १४, १८९४)

No. 5] NEW DELHI, SATURDAY, FEBRUARY 3, 1973 (MAGHA 14, 1894)

इस भाग में विभिन्न पृष्ठ संख्या वाली जाती हैं जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड २

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और उत्काइयों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 3rd February 1973

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated the 9th December, 1972, in page 373, column 2, under the heading "Patents deemed to be endorsed with the words 'Licences of right'"—

For No. "74979" read No. "74879"

(2)

In the Gazette of India, Part III, Section 2, dated the 16th December, 1972 in page 385, column 1, under the heading "Patents deemed to be endorsed with the words 'Licences of right'"—

For "(9-1-61)" against 76596 read "(9-5-61)"

(3)

In the Gazette of India Part III Section 2 dated the 28th October 1972, in page 312, on Column 2 under the heading "Complete Specification Accepted".

for No. 11678

read No. 117678

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

Application for Patents Filed at the Head Office

15th January 1973

105/Cal/73. G. A. Vorons, N. T. Pokhodenko, A. E. Kulikov, B. I. Brondz and T. V. Mischenko. Apparatus for calcining carbonaceous material and method of calcination realised in same.

106/Cal/73. G. M. Khutoretsky, G. P. Vartanian and S. G. Milchuk. Contact device of synchronous electric machine.

1-447GI/73

107/Cal/73. Vsesojuzny Nauchno-Issledovatelsky Institut Elektro-energetiki. A method and circuit for controlling an synchronized synchronous machine.

108/Cal/73. Joseph Lucas (Electrical) Limited. Ignition distributors. (15th January 1972).

109/Cal/73. Joseph Lucas (Electrical) Limited. Ignition distributors. (15th January 1972).

110/Cal/73. Joseph Lucas (Electrical) Limited. Centrifugal mechanism. (15th January 1972).

111/Cal/73. Joseph Lucas (Electrical) Limited. Cam assembly. (15th January 1972).

112/Cal/73. Joseph Lucas (Electrical) Limited. Contact breaker assemblies. (15th January 1972).

113/Cal/73. Joseph Lucas (Electrical) Limited. Ignition distributors. (15th January 1972).

114/Cal/73. Joseph Lucas (Electrical) Limited. Ignition distributors. (15th January 1972).

115/Cal/73. Joseph Lucas (Electrical) Limited. Ignition distributors. (15th January 1972).

116/Cal/73. Joseph Lucas (Electrical) Limited. Vacuum units. (15th January 1972).

117/Cal/73. Diamond Shamrock Corporation. Paper wet strength resins.

118/Cal/73. Mundipharma AG. Bis-phosphorylated anthraquinone compounds.

119/Cal/73. Societe Anonyme des Etablissements Roure-Bertrand Fils & Justin Dupont. Naphthopyrans.

120/Cal/73. A. Brandestini. Wire cable anchoring arrangement.

121/Cal/73. Snam Progetti S.p.A. Production of aldehydes or ketones. [Divisional date 26th April 1971].

122/Cal/73. T. Fukuoka. Footwear.

(37)

123/Cal/73. G. S. Mann. Racer.

124/Cal/73. Dash Fasteners (Private) Limited. Improvements in or relating to expansion fasteners externally threaded expandable studs.

17th January 1973

125/Cal/73. Council of Scientific and Industrial Research. A testing bench for testing taximeters.

126/Cal/73. Council of Scientific and Industrial Research. A 25 dm³ precision pipette.

127/Cal/73. Societe Francaise d' Electrometallurgie. Process for the thermal treatment of powdered materials in the absence of air.

128/Cal/73. Societe Francaise d' Electrometallurgie. Method of extraction of a product from a revolving furnace.

129/Cal/73. Dr. Beck & Co., Ag. Improvements in or relating to moulding compositions.

130/Cal/73. Sybron Corporation. Self-grounding mechanical span adjustment.

131/Cal/73. Commissariat a l' Energie Atomique. Device for sampling gas within the rotating bowl of a centrifuge.

132/Cal/73. Sulzer Brothers Limited. Improvements in and relating to beams for looms.

133/Cal/73. Panelfold Doors, Inc. Extruded plastic folding door.

134/Cal/73. International Nickel Limited. Welding materials.

135/Cal/73. Ceskoslovenska Komise Pro Atomovou Energi. Process of cleaning waste waters by sorbtion, particularly waste waters with radioactive contamination.

18th January 1973

136/Cal/73. Delalande S. A. Improvements in or relating to derivatives of 4'-aminomethyl spiro [dibenzo (a-d) cycloheptadi-(or tri-) ene-5:2'-dioxolane (1', 3')], their method of preparation and their therapeutic application. [Addition to No. 130896].

137/Cal/73. Imperial Chemical Industries Limited. Catalyst-making method. (21st January 1972).

138/Cal/73. Bayer Aktiengesellschaft. Process for the production of pneumatically feedable anhydrite.

139/Cal/73. Bremshey Aktiengesellschaft. Shortnable umbrella frame.

140/Cal/73. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the production of new basically substituted 2, 4-(1H, 3H)-quinazolinidone derivatives. [Divisional date 16th June 1970].

141/Cal/73. Hercules Incorporated. Preparation of aromatic amines and their use as herbicides.

19th January 1973

142/Cal/73. White Welding and Mfg., Inc. Rotary bar guide assembly.

143/Cal/73. M. Eskeli. Rotary heat exchanger. (29th September 1972).

144/Cal/73. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. Process for the production of 3-(4-chloropyrazolyl-1)-coumarines. [Divisional date 30th July 1970].

145/Cal/73. Robert Bosch GMBH. Cold forming of metals.

146/Cal/73. Westinghouse Electric Corporation. Electric power plant system and method for operating a steam turbine especially of the nuclear type with electronic reheat control of a cycle steam re-heater.

Application for Patents Filed at Patent Office (Bombay Branch)

5th January 1973

147/Bom/73. G. K. Demani. A device to be fitted externally to avoid unauthorised removal of sliding shutter.

6/Bom/73. G. K. Damani. The improvement in the sliding pivot hinge of casement window.

7/Bom/73. G. K. Damani. An improvement in the design of sliding window sill track.

8/Bom/73. Mrs. Kunjbala Chinubhai Gandhi. A tourniquet.

9/Bom/73. A. S. Wagh. Tensionless back beam creel.

8th January 1973

10/Bom/73. M. S. Sivaraman. A timed burglar alarm.

11/Bom/73. Sardesai Brothers Limited. Improvements in or relating to the process of manufacture of nonionic surfactants from long chain alcohols.

12/Bom/73. C. S. Patel. Fluid tight, flexible and tamper-proof cap for containers having relative and matching neck-ring profile.

13/Bom/73. R. Chandra. Feather system flying vehicle.

10th January 1973

14/Bom/73. Pittie Electronics. Electronic stop motion unit for carding Engines in Textile industry.

15/Bom/73. Ciba of India Limited. Azo compounds, their manufacture and use.

16/Bom/73. Ciba of India Limited. Azo compounds their manufacture and use.

17/Bom/73. Indian Plastics Limited. A centrifugal apparatus more specially a spinning pot of centrifugal spinning machine for textile fibre manufacture.

12th January 1973

18/Bom/73. Randtronics Instruments Private Limited. Improvements in or relating to automatic door operators.

19/Bom/73. Randtronics Instruments Private Limited. Improvements in or relating to automatic electric switches for preventing illumination from falling below a predetermined minimum level.

20/Bom/73. K. G. Vaze. The dual purpose attachment for the sectional sizing machine.

21/Bom/73. H. T. Lokhande and V. V. Nikte. A new method of improving colour value and fixation of reactive, acid and direct dyes on cellulosic textiles.

APPLICATION FOR PATENTS FILED AT PATENT (Madras Branch)

8th January 1973

4/Mas/73. Bharat Heavy Electricals Limited. Indigenous developer for the xerographic printing process.

5/Mas/73. Bharat Heavy Electricals Limited. An improved design of a device for local pressure relieving in valves.

6/Mas/73. P. K. Jitayrah. Improvements in or relating to buffer used in trucks, motors and like vehicles.

10th January 1973

7/Mas/73. M. Sivaram. Improvements in or relating to a lubricating apparatus.

11th January 1973

8/Mas/73. Fluid Systems P. Ltd. An improved butterfly valve.

9/Mas/73. Fluid Systems P. Ltd. An improved double acting actuator.

ALTERATION OF DATE

132236. Ante-dated to 27th February 1971.

Complete Specifications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any of the applications concerned may at any time within four months of the date of this Gazette of India or within such further period not exceeding one month applied for in Form 14 of the Patents Rules, 1972, before the expiry of the said period of four months give notice to the Controller of Patents in the pres-

cribed Form 15 of the Patents Rules, 1972, of such opposition. The written statement of opposition, should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specification in the following list will be available for sale from the Government of India Book Depot, 8, Kiron Shankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (Postage extra, if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

The required typed copies of the specifications together with copies of the drawings if any, can be supplied by Patent Office on Payment of the necessary charges which may be ascertain on application to this office.

The dates shown in Crescent brackets are dates allowed under Section 135 of the

80416. Diamond Shamrock Corporation, (formerly known as Diamond Alkali Company). Process for producing 7-dehydrosterols.

Comprising dehydrohalogenating by heating a halogenated sterol derivative at a temperature of 80°C in the presence of quinaldine formamide complex or quinaldine urea complex.

107118. Richter Gedeon Vegyeszeti Gyar R. T. A process for preparing steroids of 1, 4-diene-3, 17-dione structure.

Process for preparing steroids of 1, 4-diene 3, 17-dione structure in which steroids having a 17 beta side chain or an androstane structure are treated under aerobic fermentation conditions, in the presence of 8-hydroxychinoline, with the cells of *Mycobacterium phlei*.

112472. Carlo Erba S.p.A. Process for the preparation of new 3-substituted 1-oxo-isoindolines and 2, 3-substituted 1-oxo-isoindolines.

Characterised in condensing 3-hydroxyphthalimide with amine $HN-C_6 H_5 Z-(CH_2)_n-NR_1 R_2$

dine with amine $HN-C_6 H_5 Z-(CH_2)_n-NR_1 R_2$ and alkylating the product obtained R_1 being H or alkyl $R_2=R_3$ or different being alkyl or heterocyclic being and Z is O or S.

114413. Lepeti. S.p.A.—Gruppo per la Ricerca Scientifica—Produzione Chimica Farmaceutica Rifamycin SV derivative and process for preparing the same. (1st March 1967).

Process for preparing a rifamycin SV derivative which comprises contacting rifamycins with an amount at least equimolecular appropriate crotonate derivative in an organic solvent at room temperature for 7 to 70 hours.

115872. Boehringer Ingelheim GmbH. Process for the production of new 1-phenoxy-2-hydroxy-3-alkylaminopropanes.

Comprises reacting 1-(2-ethylphenoxy)-2, 3-epoxypropane with a secondary or tertiary butylamine.

120199. Pfizer Inc., formerly known as Chas. Pfizer & Co., Inc. A process for making cephalosporin and pharmaceutical compositions containing the same.

Comprising reacting a 7-aminocephalosporanic acid with an appropriate tricarboxylic acid derivative.

123704. Gruppo Lepeti S.p.A. Process for the preparation of 2-nitroimidazoles with antibacterial activity.

Comprises diazotizing an imidazole with equimolecular amount of alkali metal nitrite in concentrated fluoroboric acid and contacting this diazo product with equimolecular amount of alkali metal nitrite in water in presence of copper powder as catalyst.

127978. Imperial Chemical Industries Limited. Process for the preparation of a transitional metal composition. (13th August 1969).

Characterized by reacting zirconium tetrabenzyl with water free for alumina.

128664. Albright & Wilson Limited & Harrisons & Crosfield Limited. Oil extraction process from a vegetable or fish raw material. (2nd October 1969).

Treating the material with a concentrated solution of an alkali metal, alkaline earth metal or ammonium salt of a lower alkyl phenyl sulphonic acid; recovery a liquid mixture of oil and aqueous sulphonate phase and separating the oil phase.

129142. Celanese Corporation. Production of novel open-celled microporous crystalline polymer film.

Comprises cold stretching the film at a temperature in the range between 10°C and -40°C hot stretching the resulting cold stretched film in the same direction and then the film was heated under tension.

129146. E. R. Squibb & Sons, Inc. Process for preparing dipeptides.

Comprising adding *B. tert. butyl N*-(*tert. butyloxyl carbonyl L-aspartic acid P-nitrophenyl ester*) to a mixture of dehydro L-phenylalanine methyl ester hydrochloride, methyl formamide and triethyl amine.

129164. Universal Oil Products Company. Improvements in and relating to vehicle seats. (25th November 1969).

Having a spring suspension supporting a seat supporting frame for upward and downward resilient movement relative to a base, a seat assembly having a cushion supporting frame supporting on the seat supporting frame through a height varying mechanism including a vertically displaceable ratchet device having a ratchet with a pawl.

129397. Danfoss A/S. Apparatus for charging a thermostatic system.

Comprises a measuring container having an inlet valve, an outlet valve and a pressure gauge, all disposed in a line extending between the storage container and the charging head of the system.

129408. Veb Kombinat Kali. Process for the hot-pressing of fiber fleeces.

Characterised by the fact the fleece is pre-compressed or pre-consolidated in a press of dimension slightly larger than the finished board.

129415. Universal Oil Products Company. Method for regenerating a deactivated hydrocarbon conversion catalyst.

Contacting (a) the deactivated catalyst with a substantially sulphur free first gaseous mixture to remove the carbonaceous material, (b) contacting the catalyst thus obtained with a substantially sulphur free second gaseous mixture (c) purging oxygen with an inert gas stream from contact with the catalyst from step (b) (d) subjecting the resulting catalyst to contact with a substantially sulphur free third gaseous mixture.

129613. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing N-mono-(β -cyanoethyl)-aryl-amines.

Treating *N*-(β -cyanoethyl)-arylformamides with aqueous diluted mineral acids at a temperature in the range of from 0° to about 100°C.

129788. Santi Pado Banerjee. Improvements in or relating to poles or like members.

In addition to conventional reinforcement or tensioned high tensile steel wires, there is provided at one or both ends of the pole one or more untensioned high tensile steel wire piece or pieces lying inside the pole length wire from the said end or ends, said wire piece or pieces being parallel to the conventional reinforcement or tensioned wire.

129878. Union Carbide Corporation. Constant potential AC consumable electrode welding.

In which the method is characterised by tuning an L.C. circuit connected in series with a source

of constant potential to resonate at the source frequencies with the capacitive and inductive reactance.

129879. Union Carbide Corporation. Apparatus for stabilizing an AC arc.

Comprising a passive reactance network having a series connected capacitor and inductor in parallel with an inductor the network being connected in series with an a.c. source, electrode and work-piece.

129937. Izhorsky Zavod Imeni A. A. Zhdanova. Tooth of the bucket of a digging machine.

Comprising a base with a lug, a changeable cap fitted to the lug by mortise joint and transversing to the lug the resultant of different forces, and a means for securing the cap to the base.

130056. A. B. J. G. Prasad. Roller and box type push-out stay for outward opening screen type steel windows.

Comprising a hollow box closed on all sides except on one side and having an extended platform with a hole in its centre, a roller mounted on this platform in the hole, said roller having a rectangular slot through which a stay slides into and out of the box and a lock pin at the top of the roller to fix the stay at desired positions by blocking holes in the stay.

130102. Uss Engineers and Consultants, Inc. Apparatus for automatically supplying oil to a hot strip rolling mill.

Comprises oil spray means, means for supplying oil to spray means, means for initiating operation of oil supply means and means for stopping operation of oil supply means.

130134. A. I. Kaufman. Method of reproducing indicia.

Comprising steps of charging the photo conductive face of a sheet like member comprising a relatively insulating substrate and a coating of a photo conductive material on one face of substrate directing light from indicia to be reproduced upon the charged photo conductive coating to produce a latent image upon the uncoated face of the substrate and applying an electrostatically sensitive toner to develop a visible image from latent image.

130321. Seismograph Service Corporation. A seismic vibrator for generating acoustic waves.

Comprises a structure forming at least one plenum chamber having at least one large opening and one small opening means for providing air under pressure in said chamber, and means for modulating said air under pressure in said plenum chamber.

130405. Imperial Chemical Industries Limited. Process for manufacturing quaternary leucaruamine compounds. (5th March 1970).

Comprises reacting corresponding michler's hydrol or correspondingly di-di-substituted amino-phenyl methanol or similarly substituted methyl mercaptan or alkyl ethers thereof with a corresponding amino compound.

130433. Texaco Development Corporation. Process for the alkylation of an isoparaffin with an olefin in the presence of a sulphuric acid catalyst.

Characterised in that the reaction mixture is maintained under alkylation conditions in at least two alkylation reactors one refrigerated by emulsion flashing and one refrigerated by effluent refrigeration.

130456. British Railways Board. Improvements relating to slipform paving machines.

Comprising a laterally adjustable roadway surface conforming member, sensing means mounted for lateral movement with the conforming member for sensing a datum controlling lateral posi-

tion of the conforming member, actuating means for laterally adjusting the conforming member, and programmed control means arranged to be driven in synchronism with movement of the machine for moving the sensing means laterally relatively to the conforming member.

130518. Cabot Corporation. Process for the preparation of active carbon black.

Contacting carbon producing feedstock with a stream of hot combustion gases flowing at an average linear velocity of at least 100 feet per second.

130547. Ruti Machinery Works Ltd. Guide arrangement for west thread inserting elements in a weaving loom. [Addition to No. 116044].

Characterised in that the holes have extensions for pressing the inserting elements there into only under a force greater than the force applied by the drive means at right angles to the direction of movement of the inserting elements, but less than the maximum force that the drive means is capable of applying.

130635. Joseph Lucas (Industries) Limited. Electrical switches. (20th March 1970).

Comprising first and second hollow body parts, a conductive plunger mounted in first body a conductive member carried by second body, resilient means acting on said plunger, said first and second body part being formed with mating screw-threaded portions.

130877. Atlas Copso Aktiebolag. A machine for driving tunnels, drifts, raises and the like.

Comprising a main frame, means for supporting it, a cutting device, motor means for producing a reciprocating swinging movement of the cutting device, a circular cutter head, the head having a plurality of cutter bits arranged circumferentially.

131009. D. G. Takte. A catalytic process for synthesis of adamantane.

Comprises pressing vapours of tetrahydrocyclopentadiene over supported palladium catalyst in H_2 stream at 200—500°C and heating the product with $AlCl_3$.

131020. Council of Scientific and Industrial Research. Improvements in or relating to deashing of natural graphite at high temperatures.

Heating to fused state a mixture of finely ground graphite and excess of sodium hydroxide in metallic container followed by washing with hot water and leaching with hot and cold dilute HCl , characterised in that fused mass of graphite and sodium hydroxide is poured over a metallic flat surface.

131261. P. K. Everett. Electrochemical refining of metals. (11th May 1970).

Comprising the steps of applying a direct current potential to achieve a transfer of electrons between an inert electrode and base metal bearing electrolyte, diffusion of the metal ions to a deposition electrode.

131448. Dunlop Holdings Limited. Flexible hose with tapered bore. (21st May 1970).

Comprising two substantially rigid end fittings, an inner lining layer, at least one layer of reinforcement, and an outer covering layer wherein the end fitting have different internal diameters and the inner lining layer is tapered in bore.

131456. Sandoz Ltd. Process for the production polyether amines.

Product obtained by reacting a polyamine and a polyepithalogenohydrine is reacted with cross-linking agents.

131457. Sandoz Ltd. Process for the preparation of new monoazo compounds.
3-amino-4-methylbenzoic acid isobutyl ester is coupled with 2-amino-8-hydroxy-naphthalene-6-sulphonic acid.

131576. The Dow Chemical Company. Hydration of nitriles to amides using heterogeneous cupreous catalysts.
The reaction is conduct in the presence of a catalyst which is a mixture of copper oxide and an oxide of a metal like bismuth magnesium, mercury, zirconium aluminium.

131865. Stamicarbon N.V. Process for the preparation of powdery homo or copolymers of ethylene.
Discharging the reaction mixture, expending it and quenching at least a portion of expanded reaction mixture with cold gaseous medium of monomers to be polymerized.

131969. Vsesojuzny Nauchno-Issledovatel'sky Institut Zemle-roinogo Mashinostroenia. Centrifugal suspension pump.
The pump impeller has additional vanes installed on the impeller so that they are located outside the pump casing and arranged radially or nearly radially around the suction opening of said casing.

131977. Richter Gedeon Vegyeszeti Gyár R.T. A process for the acylation of 17β -hydroxysteroides containing enolizable oxo-group.
 17α -methyl- 17β -hydroxy-ester-4-oxo-3-one is reacted with acetic anhydride in the presence of glacial acetic acid containing hydrochloric acid and antimony trichloride.

132043. Shri Ram Institute for Industrial Research. Improvements in or relating to the synthesis of plasticizers from castor oil for polyvinyl chloride resins (PVC).
The esterification of the ricinoyl derivatives with a dibasic acid is carried out to yield the mono-basic esters which are farther reacted with the monohydric aliphatic alcohols to yield the plasticizer.

132236. Imperial Chemical Industries Limited. Spirit reproducing carbon papers. (5th March 1970). [Divisional date 27th February 1971].
Comprises sheet material carrying a coating containing a substantially colourless leucauramine compound.

132262. S. H. Shah and A. N. Aria. Improvements in or relating to a locking device attached to brief-cases.
Comprising a spring actuated sliding member in the tray part of the container, a hinge member fixed to the rear side of the sliding member, a pair of hooks on the container lid, means for moving the sliding member to a locking position and means for keeping the container in the locked position when the handle is moved.

132468. Siemens Aktiengesellschaft. Improvements in or relating to the diffusion of doping materials into wafers of semiconductor material. (2nd June 1971).
Comprising the steps, wafers are heated to the temperature necessary for diffusion in a tube made of semiconductor material open at one end, the said open end having a ground surface which is pressed into sealing contact with a further ground surface.

133010. Norton Company. A reinforced thermoset resin bonded abrasive wheel.
Consists of appropriate proportions of abrasive grains if porous, pores and bond comprising spherical glass particles of suitable dimensions and a thermoset resin.

133027. Scovil Manufacturing Company. Improvements in or relating to valves for tubeless tyres. (25th September 1970).
Comprises a tubular insert adapted to accommodate a valve core, a resilient housing having an axial bore, and a hard radially expandable member integral with the housing.

133286. Rotary Hoes Limited and The Governors of the National College of Agricultural Engineering. Agricultural machine.
Comprises a mobile frame carrying a rotor drive means for the rotor, beater members carried on the rotor, means for presenting the crop to the beater members.

133287. Rotary Hoes Limited and The Governors of the National College of Agricultural Engineering. Agricultural machine.
Comprises a mobile main frame, a sub-frame on the main frame, a parallel linkage connecting the main and the sub-frame, actuating means for moving the sub-frame up and down and a rotor on the sub-frame.

133288. Rotary Hoes Limited, and The Governors of the National College of Agricultural Engineering. Agricultural machine.
Comprises an inlet for grain and waste material an outlet for waste material, an endless movable screen, guide means and drive means for said screen, a portion of said screen acting as a conveyor.

133332. The Upjohn Company. 1,6-disubstituted-4H-s-triazolo [4, 3-a] [1, 4] benzodiazepines and process for the production thereof.
Comprising refluxing a mixture of 7-chloro-5-phenyl-3H-1, 4-benzodiazepine-2-thione, isonicotinic acid hydrazide and butyl alcohol.

133417. Kharkovsky Aviatsionny Institut. Pulse piston drive.
Comprising a pulse chamber with a guide cavity accommodating a piston and a cavity to be filled with an energy carrier periodically communicating with the guide cavity for passing the energy carrier through an opening.

133430. K. K. Xavier. A reinforced cement concrete shell type cottage.
Comprising a shell type body formed by a row of cylindrical R. C. C. shells placed horizontally on a support formed of the two side walls of a longitudinal drain, R. C. C. end covers for said body, roofing for the top semi-circular outside face of the shell, props supporting R.C.C. slab floor inside the body, two berths hinged to inside face of shell, props supporting the berths, two airducts formed by two brickwalls longitudinally on the outside on either side of the shell, a thin partition in between and normal to the brickwalls, and air-circulating holes in the shell above the floor slab level, but below the top and of the brickwalls.

134002. General Electric Company. Improvements in or relating to apparatus for maintaining constant volume flow rate in suction pumps.
Characterised by a suction pump having a flow control valve in its inter side operatively linked to a movable member of a control valve operator and a flow restrictor or its outlet side the pressure differential created across it by the gas flow causing said member to control the control valve.

134083. Dana Corporation. Piston ring and method of making same.
A sealing a piston ring having a bearing surface with a chromium surfacing comprised by a layer of hard chromium on said bearing surface and a layer of etched micro cracked chromium on said hard layer.

134218. Mining Systems Limited. Sample pulverizing apparatus. (19th January 1971).
Comprising a plurality of elongated hollow members held together in side-by side relationship, closure means to seal each end of the members, at least one grinding element positioned in each of the hollow members, and means to impart rotary motion to the plurality of hollow members.

134353. Apa S. A. Automatic ice-cream machine.

Including a mounting for a ice cream can wall scraping helical blade shaft comprising a bearing seated in a housing in a mounting member and movable in a radial direction and resilient means between the housing and the outer periphery of the bearing.

134594. Frunzensky Politekhnichesky Institut. Graphics teaching machine.

Wherein the decoder includes an AND-circuit operating when the student-answer is correct and having its inputs connected to the answer input device via respectively identically connected diodes of the coder, and a delay element resetting the AND-circuit to its original state with a given time delay after its operation, the input of the delay element being connected to the output of the AND-circuit.

134621. Robert Bosch GMBH. Improvements in and relating to saggars for sparking plug flints.

In an extension of the holes there are concentric holes of smaller diameter which penetrate the remaining part of the saggars base.

135094. B. M. Jain. Device for making puri, chapati or the like flat cakes.

Arrangement being such that when the two plates are lying one above the other, the bent portion of the rod is in a plane parallel to the plane of the plates and when the handle is lifted from such position, the rod rotates due to the action of pinion and gear and the bent portion of the rod rotates therewith, as a result of which the bent portion emerge out of the slot lifting the upper plate away from the lower to permit a piece of dough to be inserted.

135352. (1349/72). Cabot Corporation. Process for preparing vulcanized rubber. [Divisional date 9th March 1971].

Characterized by mixing rubber with active carbon black in amounts of from about 10 to about 250 parts by weight per 100 parts by weight of rubber, and vulcanizing the mixture.

The first number shown is the serial number given to the application under Rule 32 of the Patents Rules 1972 on acceptance of the complete specification under which the specification will be printed and Abridgments and all subsequent proceedings will be taken. The second number in the bracket is the corresponding application number.

Opposition Proceedings

(1)

An opposition has been entered by Envirotech Corporation to the grant of a patent on application No. 128016 made by Dorr-Oliver Incorporated.

(2)

An opposition entered by The Natural Gas Co. Private Limited to the grant of a patent on application No. 106529 made by Madhav Damodar Bhave has been successful and grant of a patent on the application has been refused.

Amendment Proceedings

(1)

The amendments proposed by The Bunker-Ramo Corporation in respect of patent No. 111402 as advertised in Part III, Section 2 of the Gazette of India dated the 7th October, 1972 have been allowed.

(2)

The amendment proposed by E.I. Du Pont De Nemours And Company in respect of Patent No. 118810 as advertised in Part III, Section 2 of the Gazette of India dated the 30th September, 1972 have been allowed.

(3)

The amendments proposed by The Bunker-Ramo Corporation in respect of Application for Patent No. 122770 as advertised in Part III, Section 2 of the Gazette of India, dated the 7th October, 1972 have been allowed.

(4)

The amendment proposed by Koninklijke Emballage Industries Van Leer N.V. in respect of Patent application No. 127481 as advertised in Part III, Section 2, of the Gazette of India dated the 14th October, 1972 has been allowed.

(5)

The amendment proposed by Leningradsky Metallichesky Zavod Imeni XXII Siezda KPSS, in respect of Patent application No. 127990 as advertised in Part III, Section 2 of the Gazette of India dated the 14th October, 1972 have been allowed.

(6)

The amendments proposed by Snam Progetti S.p.A. in respect of Patent application No. 128278 as advertised in Part III, Section 2 of the Gazette of India dated the 7th October, 1972 have been allowed.

(7)

The amendment proposed by Cardwell Westinghouse Company in respect of Patent application No. 131339 as advertised in Part III, Section 2 of the Gazette of India dated the 14th October, 1972 have been allowed.

Patents deemed to be endorsed with the words

"Licences of Right"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. and Title of the invention.

83892 (28-8-62) Process for the preparation of aldehydes and/or alcohols.

83899 (28-8-62) Process for recovering sulfuric acid and copper sulphate from a solution containing them.

83900 (28-8-62) Aqueous detergent slurry composition and process for producing heat-dried detergent compositions.

83904 (28-8-62) Metalliferous azo-dyestuffs, process for preparing them and fibrous textile materials especially cotton and regenerated cellulose, dyed or printed with these dyestuffs.

83905 (28-8-62) Metalliferous azo-dyestuffs process for preparing them and fibrous textile materials, specially cotton and regenerated cellulose dyed or printed with these dyestuffs.

83906 (28-8-62) Water-insoluble monoazo-dyestuffs and process for their manufacture, and their use for dyeing or colouring lacquers, printing inks and plastics.

83908 (28-8-62) Process for the preparation of fluorinated organic compounds by fluorination of aliphatic hydrocarbons in vapor phase.

83918 (29-8-62) Process for the purification of E-Caprolactam.

83919 (29-8-62) Process for the production of hydroxylamine.

83936 (12-9-61) Process for the manufacture of bipyridyls.

83945 (9-2-61) Method of heat treatment for nitride-bearing lowcarbon ductile steel.

83946 (9-2-61) Method for production of nitride-bearing ductile steel.

83964 (1-9-62) Method of treating the slag run from a zinc blast furnace in order to facilitate separation of slag from copper matte.

83986 (4-9-62) A process for the manufacture of new triazine derivative dyes and dyeing process therewith.

No. and Title of the invention.

83998 (4-9-62) Cementitious powder and method of preparation thereof.

84000 (4-9-62) New vat dyestuffs, process for their manufacture, and dyeing or printing textile material such dyestuffs.

84001 (4-9-62) New vat dyestuffs, process for their manufacture, and dyeing or printing textile material therewith.

84012 (5-9-61) Improvements in or relating to the treatment of haematite iron ore for use in the production of iron.

84028 (6-9-62) Herbicidal compositions.

84053 (10-9-62) Water-insoluble azo-dyestuffs, process for preparing them and plastic materials, especially polyvinyl-chloride, dyed or coloured with these dyestuffs.

84055 (10-9-62) Process for preparation of a diazotype developer.

84056 (15-2-62) Process for production of organic dibasic acid anhydrides by catalytic oxidation, and catalysts for use in such a process.

84057 (27-4-62) Production of pure chromium by electrolyzing process.

84058 (30-4-62) Improvements in and relating to apparatus for making α -aluminas, for making α -aluminas.

84060 (10-9-62) Bicyclic and monocyclic carbamyloximes and pesticidal compositions containing the same.

84070 (9-2-62) Navel lead-leadoxide compositions and apparatus and process for producing the same.

84083 (11-9-62) Haloalkyl thiazoles, and process of preparing the same.

84104 (12-9-62) Improvements in or relating to the preparation of 2-acyloxy and aryloxy- α -naphthoquinone.

84115 (13-9-62) Process of extracting and separating gum from guar (cyamopsis tetragonolobus) seeds.

84118 (18-7-62) Stable aqueous emulsions of copolymers and cross-linked polymers produced therefrom.

84126 (13-9-62) Electrolytic manganese dioxide process.

84129 (27-9-61) Method of making a composite cellular material.

84136 (14-9-62) Continuous process for cracking hydrocarbon oil.

84147 (15-9-62) Process for the preparation of substantially carbon monoxide free gases of high calorific value.

84158 (15-9-62) Water-soluble copolymers.

84159 (15-9-62) Process for optically brightening organic material.

84173 (17-9-62) Synthetic moisturizing composition and a process therefor.

84203 (19-9-62) Process for production of semi-ester chlorides of aromatic dicarboxylic acids.

84232 (20-9-62) A process for the manufacture of new aminoazo triazine dyestuff and colouring materials therewith.

84233 (20-9-62) New azo-dyestuffs and process for their manufacture and colouring material therewith.

84234 (20-9-62) A process for the manufacture of dyeable polypropylene compositions.

84251 (22-9-62) Process for preparing aliphatic primary alcohols.

84259 (16-4-62) Process and apparatus for the production of coke or ore coke on a coking grate and for the recovery of gas of high calorific value.

84298 (25-9-62) Process for the preparation of acetic acid by catalytic oxidation of propylene.

84302 (25-9-62) A process for the regeneration of cationic resins.

No. and Title of the invention.

84316 (25-9-62) New metal complex compounds of monoazo dyestuffs, processes for their manufacture, and textile materials dyed therewith.

84317 (25-9-62) Method of preparing an acid mordenite catalyst and converting hydrocarbons to other organic compounds.

84330 (26-9-62) Reactive silica materials and process of producing them.

84331 (26-9-62) Reactive selectively sorptive silica materials and process for producing them.

84336 (30-5-61) Process for the manufacture of S-triazine derivatives.

84337 (30-5-61) Process for the manufacture of S-triazine derivatives.

84338 (26-9-62) Method of reducing the phytotoxicity of manganese ethylene bis thio carbamate.

84353 (27-9-62) Process for the preparation of epoxycarboxylic acids.

84359 (27-9-62) Process for the preparation of pure ammonia.

84381 (29-9-62) Process for wet grinding a slurry of mineral material.

84395 (4-10-61) Processes of coating solid particles with polymeric material and products thereof.

84422 (3-10-62) Method for rendering micro-organisms contained in liquids innocuous by heat treatment and device therefor.

84447 (3-10-62) A three-phase, alcohol free self-propellant insecticidal composition and a method of spraying the same.

84466 (4-10-62) A process of preparation of active carbon from coke oven acid sludge.

84477 (5-10-62) Process and apparatus for the separation of water and impurities from steam.

84478 (5-10-62) Process for the preparation of a bituminous mixture.

84480 (5-10-62) Process for producing pig iron in rotary furnace.

84497 (11-10-62) Process for the alkylation of aromatic compounds.

84502 (17-10-61) Process for the manufacture of polymers.

84512 (11-10-62) Method of generating combustible gases by pressure gasification of finely divided solid fuels.

84513 (22-6-62) A symmetrical ethylenic methylene-bis-amides and a process for the production thereof.

84522 (11-10-62) Polyazo dyes, their production and use.

84525 (11-10-62) Improvements in or relating to the treatment of titanium bearing ores.

84528 (11-10-62) Metal-containing dyestuff preparations, that may be used for colouring spinning solutions, and process for their manufacture.

84536 (12-10-62) Improvements in or relating to the preparation of Vinyl Chloride Copolymers.

84559 (12-10-62) Improvements relating to the production of aluminium.

84572 (15-10-62) Processing of hydroxyethyl cellulose.

84587 (15-10-62) Process for preparing formaldehyde solutions.

84588 (15-10-62) Sulfur vulcanizable olefin copolymers, process for their preparation, and vulcanized rubbers obtained therefrom.

84590 (15-10-62) Olefinic copolymers, process for their preparation and vulcanized products obtained therefrom.

84607 (16-10-62) A method of production of contact lenses.

84608 (16-10-62) A process for the manufacture of steel with the steps of controlling the temperature in a steel furnace.

No. and Title of the invention	108866 109004 109048 109072 109074 109117 109154 109186
84612 (16-10-62) Non-shrinking and expansive cements, and method of making same.	109187 109188 109202 109275 109330 109386 109387 109403
84613 (18-10-61) Chlorinated polymers.	109424 109468 109480 109563 109573 109619 109707 109708
84641 (17-10-62) Crystallization of biuret from biuret-containing aqueous solutions saturated with urea.	109709 109784 109791 109882 109897 109902 109936 110008
84642 (17-10-62) Crystallization of urea.	110695 110915 111471 111472 111777 112088 112498 112691
84647 (17-10-62) Process for dehydrogenating alkylated aromatic hydrocarbons.	112692 112693 113496 113810 113972 114050 114105 114162
84675 (19-10-62) Process and apparatus for pneumatically grinding granular, gritty or coarsely powdered dry substances.	114229 114285 114358 114365 114390 114442 114577 114578
84686 (19-10-62) A process for the polymerisation of lactams to produce polyamides and articles comprising these polyamides.	114644 114699 114750 114786 114829 114867 114892 114906
84689 (19-10-62) Process for the preparation of melamine from cyanic acid.	115086 115087 115176 115192 115465 115623 117018 117272
84700 (20-10-62) Improvements in ethylene terephthalate-neopentyl terephthalate copolymers.	117634 118387 118482 118864 119401 119455 119493 119516
84706 (20-10-62) Disazo dyestuffs and process for their manufacture.	119556 119576 119579 119584 119603 119613 119615 119616
84709 (20-10-62) Acetylene production by partial combustion of hydrocarbons.	119642 119664 119765 119774 119775 119798 119806 119811
84716 (22-10-62) Moldable oxymethylene polymers and method of preparing the same.	119874 119875 119906 119949 119977 120036 120058 120069
84732 (25-7-62) A process for nitriding ferrous metals.	120113 120114 120115 120117 120191 120276 120363 120376
84733 (23-10-62) Process for preparing benzoic acid.	120405 120490 120554 120581 121128 121264 121489 121507
84734 (23-10-62) Process and apparatus for the preparation of caprolactam.	121648 122550 123998 124000 124453 125447 125766 126530
84738 (23-10-62) Process for the preparation of methacrolein by catalytic oxidation of isobutene.	126925 126976 127156 128388 129634 132693
84739 (23-10-62) Process for the preparation of methacrolein by catalytic oxidation of isobutene.	
84742 (23-10-62) Improvements relating to the manufacture of terpene alcohols from Indian oil of turpentine or its constituent terpenes.	
84746 (23-10-62) Ester imide resins and articles prepared therefrom.	
84747 (23-10-62) Copolymers and process for their manufacture.	
84765 (24-10-62) Process for preparing diarylketones.	
84773 (24-10-62) A process for production of triazine compounds.	
84785 (25-10-62) Method and equipment for the continuous preparation of caprolactam.	

Renewal Fees Paid

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63183 63446 65971 66097 66470 66543 66551 66567 66655
66723 66803 66818 66834 67582 70249 70279 70502 70610
70703 70905 70973 71063 72372 74285 74953 75169 75251
75278 75279 75458 75459 75473 75549 75564 78199 79399
80289 80541 80567 80626 80627 80651 80714 80837 80838
80868 80989 81017 81048 81139 81279 81405 82098 82258
83228 83945 83946 84889 85864 86090 86117 86122 86123
86163 86177 86188 86217 86220 86239 86343 86471 86516
86517 86536 86557 86597 86815 86935 86991 86995 87082
87368 87828 89715 90103 91641 91643 91749 91756 91822
91901 91922 91927 91993 92039 92123 92129 92222 92404
92423 92451 92650 92651 92784 92977 93388 95334 97286
97457 97474 97510 97528 97585 97607 97609 97610 97633
97637 97664 97769 97907 98094 98095 98111 98112 98113
98114 98218 98403 98698 98699 99474 99488 99573 101799
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119556 119576 119579 119584 119603 119613 119615 119616
119642 119664 119765 119774 119775 119798 119806 119811
119874 119875 119906 119949 119977 120036 120058 120069
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120405 120490 120554 120581 121128 121264 121489 121507
121648 122550 123998 124000 124453 125447 125766 126530
126925 126976 127156 128388 129634 132693

Cessation of Patents

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88798 88802 88814 88818 88823 88827 88837 88838 88839
88841 88842 88854 88858 88864 88865 88866 88869 88878
88880 88888 88889 88890 88892 88895 88897 88899 88903
88907 88908 88910 88911 88913 88914 88915 88917 88919
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89175 89178 89181 89184 89188 89189 89190 89193 89194
89195 89200 89201 89204 89205 89207 89213 89214 89216
89217 89218 89220 89223 89225 89231 89234 89236 89238
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89279 89280 89282 89283 89287 89292 89293 89395 89296
89297 89299 89300 89301 89302 89304 89306 89308 89309
89311 89316 89317 89319 89321 89322 89323 89324 89328
89331 89332 89337 89338 89341 89343 89347 89348 89351
89352 89355 89357 89362 89364 89366 89367 89371 89372
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89395 89396 89400 89402 89406 89408 89410 89411 89414
89415 89421 89427 89429 89432 89433 89437 89438 89439
89440 89442 89443 89446 89450 89454 89455 89457 89459
89461 89464 89467 89471 89474 89475 89478 89479 89480
89482 89489 89498 89499 89500 89502 89505 89506 89507
89508 89512 89518 89521 89524 89525 89526 89527 89532
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89554 89555 89558 89559 89560 89563 89569 89571 89573
89579 89583 89586 89587 89588 89594 89594 95707 111026

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in section 50 of the Designs Act.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 139729. Mrs. Madhuri Mathur, F. 11, Industrial Estate, Madras-58, and also at No. 41, Gala Industrial Estate, Mulund, Bombay-80, Subject of the Indian Republic, "A doughing", April 5, 1972.

Class 1. No. 139731. Mrs. Madhuri Mathur, F. 11, Industrial Estate, Madras-58, and also at No. 41, Gala

Industrial Estate, Mulund, Bombay-80, Subject of the Indian Republic, "A wet grinding blade", April 5, 1972.

Class 1. No. 139732. Mrs. Madhuri Mathur, F. 11, Industrial Estate, Madras-58, and also at No. 41, Gala Industrial Estate, Mulund, Bombay-80. Subject of the Indian Republic, "A dry grinding blade", April 5, 1972.

Class 1. No. 139806. Western Engineering Company, 9/53, Kirti Nagar, New Delhi-15, an Indian firm registered under the Indian Partnership Act, 1932, "Cycle lock", April 24, 1972.

Class 1. Nos. 140057 to 140060 Kishco Cutlery Manufacturing Co., 54/56, Empire Building, 138, D. N. Road, Bombay-1, (Maharashtra), "Spoon". July 17, 1972.

Class 1. No. 140255. Madan Lal Mehra, 15-G, Jangpura Extension New Delhi-14 (India) an Indian National, "The box", September 18, 1972.

Class 1. No. 140256. Madan Lal Mehra, 15-G Jangpura Extension, New Delhi-14 (India) an Indian National, "The box", September 18, 1972.

Class 3. No. 139670. Bharat Kumar Marsidas Kachwala, C/o Eagle Products, Mathuradas Road, Vilkhoo Bldg., Kandivli, Bombay-67, (Maharashtra) Indian National, "Container", March 24, 1972.

Class 3. No. 139782. Peerless Plastics Industries Pvt. Limited, 4, Upper Chitpur Road, Calcutta-7, West Bengal, an Indian Private Limited Company, "Bruches", April 17, 1972.

Class 3. No. 139892. Vasudeo Ramchandra Bhide, 208, Lady Jamsheji Road, Bombay 16, Maharashtra State, India, an Indian National, "Vacuum flask", May 15, 1972.

Class 3. No. 139954. Rajpal Plastic Industries, (an Indian Partnership Firm), 303, Neelkanth, 98, Marine Drive, Bombay-2, (Maharashtra), "Brush", June 9, 1972.

Class 3. No. 139975. Bharatkumar Narsidas Kachwala, 11, Jansukh Nivas, Kasturba Road, Kandivli (West), Bombay-67, (Maharashtra State) Indian National, "Container", June 17, 1972.

Class 5. No. 140000. Paramount Products, a registered Indian partnership firm carrying on business at Block No. 1/28, 2nd Floor, Shri Ram Industrial Estate, G. D. Ambekar Road, Bombay-31, Maharashtra (India), "Cartons" June 27, 1972.

S. VEDARAMAN, Controller General of Patents, Designs and Trade Marks

